

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/08727

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q11/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04Q H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 091 529 A (CIT ALCATEL) 11 April 2001 (2001-04-11)	1, 13, 14
A	column 4, line 4 - line 49; figure 1a	2-12, 15-17
A	EP 0 818 940 A (NORTHERN TELECOM LTD) 14 January 1998 (1998-01-14) figure 9	1-17
A	US 5 920 412 A (CHANG NING) 6 July 1999 (1999-07-06) figure 4	1-19
A	EP 1 076 468 A (NIPPON TELEGRAPH & TELEPHONE) 14 February 2001 (2001-02-14) cited in the application figure 4	
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

30 March 2004

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06/04/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2002/018269 A1 (HJALMTYSSON GISLI ET AL) 14 February 2002 (2002-02-14)  cited in the application  figure 1</p> <p>-----</p>	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/08727

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			IT MI992102 A1	09-04-2001
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